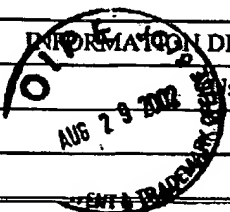


U.S. Department of Commerce, Patent and Trademark Office				Atty Docket No.		Application No.	
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				M-2338-3C US		08/977,846	
				Applicant		# 46	
				John O. Ryan			
				Filing Date		Group	
				25 November 1997		2161	
U.S. Patent Documents							
*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
JD	AA	4,379,947	04/12/83	Warner			
JD	AB	4,682,370	07/21/87	Matthews			
JD	AC	4,694,491	09/15/87	Horne et al.			
JD	AD	4,706,121	11/10/87	Young			
JD	AE	4,739,510	04/19/88	Jeffers et al.			
JD	AF	4,742,516	05/03/88	Yamaguchi			
JD	AG	4,855,827	08/08/89	Best			
JD	AH	4,887,296	12/12/89	Horne			
JD	AI	4,887,308	12/12/89	Dutton			
JD	AJ	4,908,859	03/13/90	Bennett et al.			
JD	AK	4,914,517	04/03/90	Duffield			
JD	AL	4,963,995	10/16/90	Lang			
JD	AM	5,020,143	05/28/91	Duckeck et al.			
JD	AN	5,030,948	07/09/91	Rush			
JD	AO	5,046,090	09/03/91	Walker et al.			
JD	AP	5,046,092	09/03/91	Walker et al.			
JD	AQ	5,054,064	10/01/91	Walker et al.			
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JD	AT	5,093,718	03/03/92	Hoarty et al.			
JD	AU	5,127,303	07/07/92	Tsumura et al.			
JD	AV	5,132,992	07/21/92	Yurt et al.			
JD	AW	5,134,719	07/28/92	Mankovitz			
JD	AX	5,152,003	09/29/92	Poch			
JD	AY	5,191,410	03/02/93	McCalley et al.			
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Group

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2161

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D	AC	5,214,792	05/25/93	Alwadish			
D	AD	5,220,420	06/15/93	Hoarty et al.			
D	AE	5,239,540	08/24/93	Rovira et al.			
D	AF	5,241,428	08/31/93	Goldwasser et al.			
D	AG	5,253,275	10/12/93	Yurt et al.			
D	AH	5,276,909	01/04/94	Milner et al.			
D	AI	5,371,551	12/06/94	Logan et al.			
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D	AO	5,537,674	07/16/96	Kishimoto et al.			
D	AP	5,555,446	09/10/96	Jasinski			
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D	AU	5,790,198	08/04/98	Roop et al.			
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Foreign Patent Documents								
							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
<input checked="" type="checkbox"/>	AA	36 23 925 A1	01/21/88	DE			X	
<input checked="" type="checkbox"/>	AB	41 42 605 A1	10/15/92	DE			X	
<input checked="" type="checkbox"/>	AC	42 22 777 A1	01/21/93	DE			X	
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<input checked="" type="checkbox"/>	AE	0 491 068 A1	06/24/92	EP				
<input checked="" type="checkbox"/>	AF	2 264 409 A	08/25/93	GB				
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<input checked="" type="checkbox"/>	AH	5-298373	11/12/93	JP			X	
<input checked="" type="checkbox"/>	AI	WO 86/01063	02/13/86	WIPO				
<input checked="" type="checkbox"/>	AJ	WO 91/06912	05/16/91	WIPO				
	AK							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
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<input checked="" type="checkbox"/>	AM	J.J. Livy, "Radio Data Services in UK Independent Local Radio", <u>International Broadcasting Convention</u> , 23-27 September 1988, pp. 316-317.						
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<input checked="" type="checkbox"/>	AO	Daniel Sutorius et al., "Applications And Design Options For An In-Home Cable TV Digital Consumer Terminal", <u>1993 NCTA Technical Papers</u> , June 6-9, 1993, pp 47-51.						
<input checked="" type="checkbox"/>	AP	Lawrence A. Rowe et al., "A Continuous Media Player", <u>Network and Operating System Support for Digital Audio and Video, Third International Workshop</u> , November 12-13, 1992, pp. 376-386.						
<input checked="" type="checkbox"/>	AQ	Sanjil Park et al., "A Digital AM Radio With CQUAM Stereo", <u>Olando GLOBECOM '92, IEEE Global Telecommunications Conference</u> , December 6-9, 1992, pp 457-461.						
<input checked="" type="checkbox"/>	AR	Andrew Lippman et al., "News and Movies in the 50 Megabit Living Room", <u>IEEE/IEICE Global Telecommunications Conference, Conference Record Vol. 3</u> , November 15-18, 1987, Tokyo Japan, pp. 1976-1981.						
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		M-2338-3C US	08/977,846
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant	
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		Filing Date	Group
		25 November 1997	2161
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
<input checked="" type="checkbox"/>	AA	T. Chujo et al., "Personal Communication Terminals For ISDN", <u>IEEE/IEICE Global Telecommunications Conference</u> , Conference Record Vol. 2, November 15-18, 1987, Tokyo Japan, pp. 726-730.	
<input checked="" type="checkbox"/>	AB	Winston Hodge et al., "Video On Demand: Architecture, Systems, and Applications", <u>SMPTE Journal</u> Vol. 102, No. 9, September 1993, pp. 791-803.	
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<input checked="" type="checkbox"/>	AF	Guy M. Stephens, "The Changing Face Of Audio", <u>Satellite Communications</u> , September 1990, pp 16-18.	
<input checked="" type="checkbox"/>	AG	Kathy Eckel, "The Sound Of Muzak", <u>Satellite Communications</u> , November 1989, pp 63 passim.	
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<input checked="" type="checkbox"/>	AI	M. Saunders, "The Radio Data System", <u>Vehicle Audio Systems - IEE Professional Group CI2 and E14 Colloquium Papers</u> , December 1991, paper 6.	
<input checked="" type="checkbox"/>	AJ	P. Shelswell et al. "Digital Audio Broadcasting", <u>Vehicle Audio Systems - IEE Professional Group CI2 and E14 Colloquium Papers</u> , December 1991, paper 8.	
<input checked="" type="checkbox"/>	AK	Advertisement for "1985 Tech Almanac", source unknown.	
<input checked="" type="checkbox"/>	AL	Bill Killion, "Specifying ad insertion equipment", <u>Communications Technology</u> , August 1985, pp 53-62.	
<input checked="" type="checkbox"/>	AM	Advertisement for AD Systems, Incorporated part no. CBB-1 color billboard, source and date unknown.	
<input checked="" type="checkbox"/>	AN	John M. Lucassen et al., "MIT/LCS/TR-353: Boston Community Information System User Manual (Version 6.0)", <u>Massachusetts Institute of Technology</u> , 1985, pp 1-43.	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant	
(Use several sheets if necessary)		John O. Ryan	
		Filing Date	Group
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)			
Ⓟ	AA	David K. Gifford et al., "MIT/LCS/TR-422: Boston Community Information System 1987-1988 Experimental Test Results", <u>Massachusetts Institute of Technology</u> , 1988, pp 2-7.	
Ⓟ	AB	Robert G. Cote, "An Automatic News Article Editor", <u>Thesis submitted to Department of Electrical Engineering And Computer Science</u> , (Massachusetts Institute of Technology) May 16, 1987, pp. 2-12.	
Ⓟ	AC	David K. Gifford et al., "MIT/LCS/TR-398: Clipping Service User's Manual (Version 1.2)", <u>Massachusetts Institute of Technology</u> , 1987, pp 1-21.	
Ⓟ	AD	David K. Gifford et al., "MIT/LCS/TR-399: Walter User's Manual (Version 1.0)", <u>Massachusetts Institute of Technology</u> , September 1987, pp 1-15.	
Ⓟ	AE	Roland J. Boucher, Jr., "Disk-based spot playback systems", <u>Broadcast Engineering</u> , April 1994, pp 49-51.	
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Ⓟ	AH	Phillip Kurz, "SCA Technology Update", <u>Broadcast Engineering</u> , October 1989, pp. 77-80.	
Ⓟ	AI	Jerry Whitaker, "Digital storage is closer than you think", <u>Broadcast Engineering</u> , May 1985, pp. 109-114.	
Ⓟ	AJ	Electronic Industries Association, <u>EIA STANDARD EIA-516</u> , May 1988.	
Ⓟ	AK	Mahesh Balakrishnan et al., "An MPEG Standard Based Video Compression System and Applications", <u>1992 NCTA Technical Papers</u> , 1992, pp. 264-272.	
Ⓟ	AL	John Tydeman et al., <u>Teletext And Videotex In The United States</u> , 1982, pp. 157-163.	
Ⓟ	AM	Yoshiharu Morihiro et al., "A New Car Radio With Recording And Playback Functions", <u>IEEE Transactions On Consumer Electronics</u> , August 1986, pp 509-515, Vol. CE-32, No. 3	
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			Filing Date	Group
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AB	Harrick M. Vin et al., "Designing a Multisuser HDTV Storage Server", IEEE Journal on Selected Areas in Communications, January 1993, pp 153-164, Vol. 11, No. 1.			
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AF	H.H. Fromm et al., "Data broadcasting within a satellite television channel", in VSATs: Very Small Aperture Terminals, (John Everett ed., 1992), pp 265-275.			
AG	E.J. Wilson, "The European Broadcasting Union's Programme Delivery Control System", International Broadcasting Convention, 21-25 September 1990, pp. 261-265.			
AH	Peter D. Hallenbeck, "Personal Home TV Programming Guide", (source unknown - footer reads "CH2871-2/90/0000-0310" copyright 1990 IEEE), pp. 310-311.			
AI				
AJ				
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AN				
Examiner <i>Thom A20</i>		Date Considered <i>1/30/04</i>		
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